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## Vacuum Transitions in Field Theory

*Tuesday 15 December 2020 11:55 (5 minutes)*

The WKB approximation describes the decay of metastable states in quantum mechanics but its extension to multidimensional field theory is not trivial. I will give a short overview of the original Euclidean approach developed by Coleman et al. in the 1980's as well as more recent approaches and comment on the different predictions between the two.

**Would you be interested in receiving feedback on your talk?**

Yes

**Will you be pre-recording your talk?**

No

**Length of talk**

3-5 minutes

**Are you happy for your talk to be recorded?**

Yes

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**Session Classification:** 5 Minute Talks